

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chasanoff et al.

Atty Dkt: 2893/101

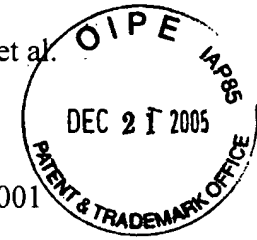
Serial No: 09/891,599

Art Unit: 2174

Date Filed: June 25, 2001

Examiner: Pesin, Boris M.

Invention: Object Universe

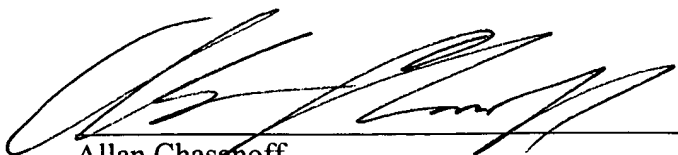


**DECLARATION UNDER 37 C.F.R. §1.131**

1. We are co-inventors of the "Object Universe" that is the subject of the patent application identified above.
2. We invented and created original Java source code prior to April 23, 1999. The original Java source code is referenced herein as "our Program."
3. Directory listings of our Program with redacted dates all prior to April 23, 1999 are submitted herewith as Exhibit A-1 to A-10.
4. In order to document the early completion of our invention, we used our Program to produce the screenshots shown in Exhibits B-J.
5. The screenshots in Exhibits B-J show that we were in possession of our invention prior to April 23, 1999.
6. To facilitate examination of the above-identified patent application, we explain in the following paragraphs how our Program corresponded to the limitations of claim 1.
7. Our Program provided "a method for establishing relationships between multiple data items in a computer." As seen in Exhibit I, relationships have been established using our Program between data items displayed by the computer.
8. The method of claim 1 creates "a graphical representation of at least one data classification cluster Master Facet, said Master Facet utilized for clustering a plurality of related data items." Exhibit B shows how our Program created three Master Facets, each with a number of data items clustered beneath it.
9. The method of claim 1 provides for "defining attributes of said Master Facet." Upon double-clicking on a Master Facet, our Program would open a dialog box for defining attributes for the Master Facet as shown in any of Exhibits G-1, G-2 and G-3.

10. The method of claim 1 further recites “creating a graphical representation of a plurality of data items.” Our Program created Exhibit B with a plurality of rectangular blocks, each representing a data item.
11. The method of claim 1 provides for “defining attributes of each of said plurality of data items.” Upon double-clicking on a data item, our Program would open a dialog box for defining attributes for the data item as shown in any of Exhibits H-1, H-2 and H-3.
12. Our Program clustered “a subset of related data items of said plurality of data items under said Master Facet” and visually displayed said clustering as shown in Exhibit B.
13. Our Program allowed for “associating at least one data item of said plurality of data items under said Master Facet with another data items by forming a relationship between said data items” and visually displayed the relationship as shown in Exhibit I. Upon forming a relationship, the rectangular data item was visually represented instead as a line extending from and beneath its Master Facet.
14. The method of claim 1 further provides for “defining attributes of said relationship and perceived logical connection between said data items.” Upon double –clicking on the relationship line connecting two data items, our Program would open a dialog box for defining attributes for the relationship and perceived logical connection as shown in any of Exhibits J-1, J-2 and J-3.
15. We each hereby declare that all statements made of our own knowledge herein are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application in connection with which this declaration is being submitted to the Patent and Trademark Office, or any patent issued thereon.

12/12/05  
Date

  
Allan Chasnoff

12/08/2005  
Date

  
Rick Ross

02893/00101 444317.1



mat's Home



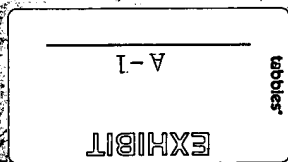
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IntelliJ IDEA 4.5



COPY

coremodel

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/coremodel

View as List

File name	Size	Type	Date Modified
4 items folder			
ActivatedTools.java	939 bytes	Java source code	4:21:00 PM
AnnotationObject.java	1.4 K	Java source code	4:21:00 PM
AssertionFailedError.java	237 bytes	Java source code	4:21:00 PM
ContentObject.java	706 bytes	Java source code	4:21:00 PM
CoreModelBuilder.java	26.0 K	Java source code	4:21:00 PM
CoreModelClass.java	3.7 K	Java source code	4:21:00 PM
CoreModel.dsp	2.8 K	plain text document	4:21:00 PM
ExistsWithinClass.java	540 bytes	Java source code	4:21:00 PM
ModelEvent.java	1.7 K	Java source code	4:21:00 PM
ModelListener.java	159 bytes	Java source code	4:21:00 PM
Relationship.java	21.0 K	Java source code	4:21:00 PM
RelationshipType.java	572 bytes	Java source code	4:21:00 PM
test.java	8.3 K	Java source code	4:21:00 PM
UserDefined.java	741 bytes	Java source code	4:21:00 PM



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[matt@cato:~/l/h]

coremodel



OldOU.lpr - l/h

coremodel

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Matt's Home



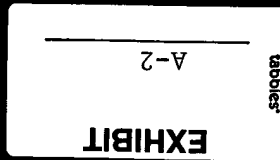
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diagramview

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/diagramview

60 View as List

File name	Size	Type	Date Modified
4 items folder			
ConnectableGlyph.java	2.3 K	Java source code	4:21:00 PM
ConnectionGlyph.java	7.7 K	Java source code	4:21:00 PM
ContainerGlyphLayout.java	655 bytes	Java source code	4:21:00 PM
DefaultMasterFacetLayout.java	11.1 K	Java source code	4:21:00 PM
Drawable.java	284 bytes	Java source code	4:21:00 PM
DrawingBoard.java	4.6 K	Java source code	4:21:00 PM
Drawing.java	13.2 K	Java source code	4:21:00 PM
Engine.java	16.4 K	Java source code	4:21:00 PM
FacetGlyph.java	5.8 K	Java source code	4:21:00 PM
Glyph.java	19.7 K	Java source code	4:21:00 PM
HotSpotGlyph.java	227 bytes	Java source code	4:21:00 PM
HotSpotListener.java	241 bytes	Java source code	4:21:00 PM
ItemGlyph.java	1.8 K	Java source code	4:21:00 PM
Layer.java	3.3 K	Java source code	4:21:00 PM
MasterFacetGlyph.java	8.8 K	Java source code	4:21:00 PM
ResizeTransform.java	1.2 K	Java source code	4:21:00 PM
SimpleTranslateTestTransform.java	2.4 K	Java source code	4:21:00 PM
SporeGlyph.java	862 bytes	Java source code	4:21:00 PM
Transform.java	1.4 K	Java source code	4:21:00 PM





Matt's Home



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EXHIBIT

A-3

tabbles



gui

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gui

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/gui

View as List

File name	Size	Type	Date Modified
CVS	4 items	folder	
util	4 items	folder	
AlertDialog.java	1.4 K	Java source code	at 4:37:29 PM
AnnotationDialog.java	20.8 K	Java source code	at 4:37:29 PM
Dispatcher.java	2.9 K	Java source code	at 4:21:00 PM
DrawingBoardListener.java	14.1 K	Java source code	at 4:21:00 PM
HandleBuffer.java	2.9 K	Java source code	at 4:21:00 PM
OUDocumentWindow.java	5.6 K	Java source code	at 4:21:00 PM
OUListener.java	17.7 K	Java source code	at 4:37:30 PM
OUMenuBar.java	6.9 K	Java source code	at 4:21:00 PM
OUToolbar.java	3.1 K	Java source code	at 4:21:00 PM
RubberBand.java	3.1 K	Java source code	at 4:21:00 PM
Ui.DSP	2.6 K	plain text document	at 4:21:00 PM

EXHIBIT

A-4

tabbles

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File Edit View Go Bookmarks Help  
Back Forward Up Stop Reload Home  
Location: /home/matt/ObjU/com/activated/ou  
View as List  
60

File name	Size	Type	Date Modified
coremodel	15 items	folder	yesterday at 12:12:23 PM
CVS	4 items	folder	yesterday at 12:12:25 PM
diagramview	20 items	folder	yesterday at 12:12:23 PM
gui	13 items	folder	yesterday at 12:12:23 PM
plugins	5 items	folder	yesterday at 12:12:25 PM
OU.java	10.1 K	Java source code	at 4:21:00 PM



ou

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[matt@cato:/dc

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matt's Home



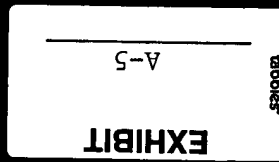
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external

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/plugins/external

View as List

File name	Size	Type	Date Modified
CVS	4 items	folder	yesterday at 12:12:24 PM
ExternalHelper.java	2.6 K	java source code	at 4:21:00 PM
WindowsExternalHelper.java	3.8 K	java source code	at 4:21:00 PM



external

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EXHIBIT

A-6

tables

ICEBrowser

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjUj.com/activated/ou/plugins/ICEBrowser

View as List

File name	Size	Type	Date Modified
CVS	4 items	folder	yesterday at 12:12:23 PM
ICEBrowserViewer.java	6.4 K	Java source code	at 4:21:00 PM



ICEBrowser

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matt's Home



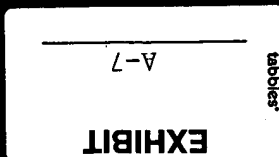
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JIMI

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/ou/plugins/JIMI

View as List

File name	Size	Type	Date Modified
CVS	4 items	folder	yesterday at 12:12:23 PM
JIMIconfigler.java	4.6 K	Java source code	Tuesday 4:37:30 PM
JIMIViewer.java	5.4 K	Java source code	Monday, 4:21:00 PM



JIMI

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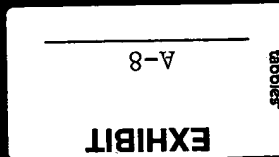
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File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjJ/com/activated/ou/plugins/JMF

View as List

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CVS	4 items	folder	yesterday at 12:12:24 PM
JMFHelper.java	4.8 K	Java source code	at 4:21:00 PM
JMFViewer.java	9.3 K	Java source code	at 4:21:00 PM



JMF

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EXHIBIT  
A-9

tabbles

tools

File Edit View Go Bookmarks Help

Back Forward Up Stop Reload Home

Location: /home/matt/ObjU/com/activated/tools

View as List

File name	Size	Type	Date Modified
CVS	4 items	folder	yesterday at 12:12:24 PM
Debug.java	6.6 K	Java source code	at 4:21:00 PM



tools

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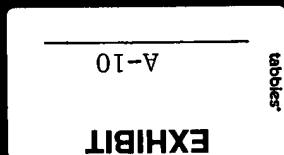
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util

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Back Forward Up Stop Reload Home

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View as List

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DataTypes.java	11.2 K	Java source code	at 4:21:00 PM
DataTypesRule.java	4.0 K	Java source code	at 4:21:00 PM
ExpandableArray.java	3.4 K	Java source code	at 4:21:00 PM
ExtensionAndMagicRule.java	3.0 K	Java source code	at 4:21:00 PM
IntegerRange.java	1.5 K	Java source code	at 4:21:00 PM
SimpleExtensionOnlyRule.java	3.6 K	Java source code	at 4:21:00 PM
UnableToIdentifyTypeException.java	2.3 K	Java source code	at 4:21:00 PM
UnsupportedRuleShortcutException.java	2.4 K	Java source code	at 4:21:00 PM





Matt's Home



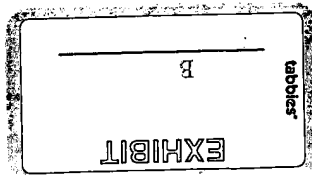
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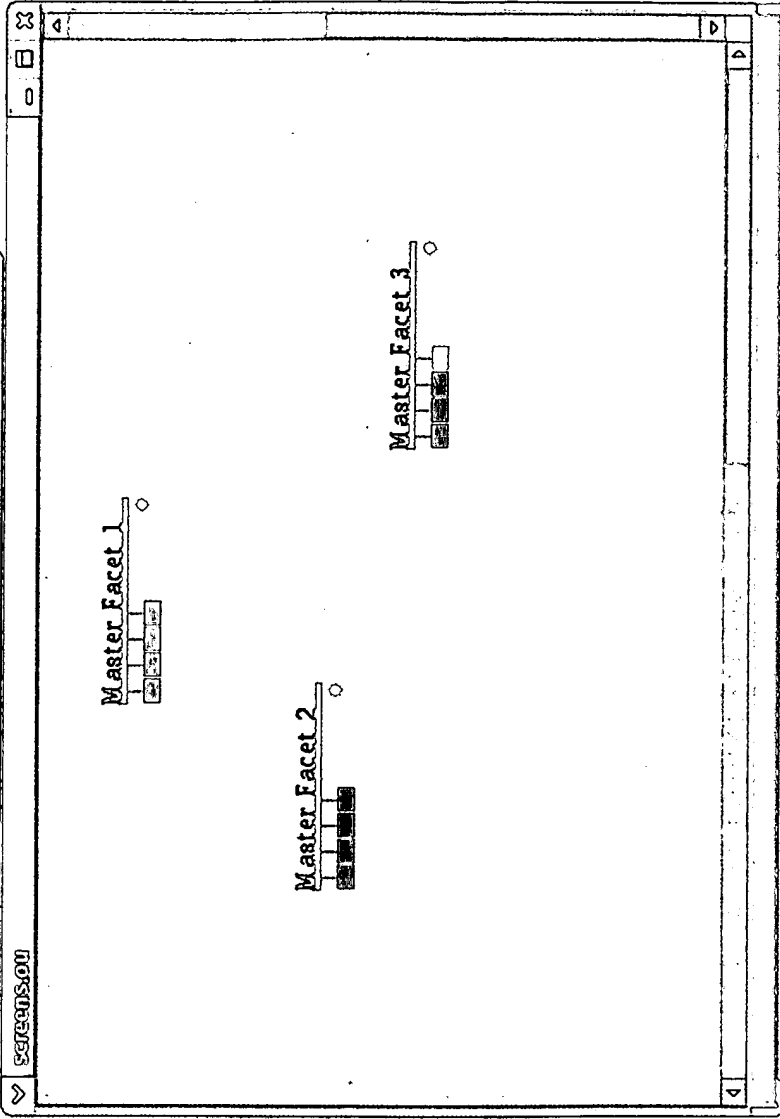


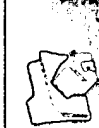
EXHIBIT

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Object Universe Document Tools  
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object, Universe, Document, Tools





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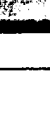


screenshots



Object Universal Document Tools

File Edit Help Windows



Master Facet 1



Master Facet 2



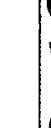
Master Facet 3



screenshots



Object Universal



Full Text B



OldOU.lpr



API Additio



matt@cat



screenshots



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screenshots



Object Universal



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OldOU.lpr



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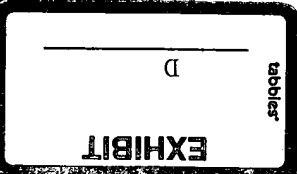
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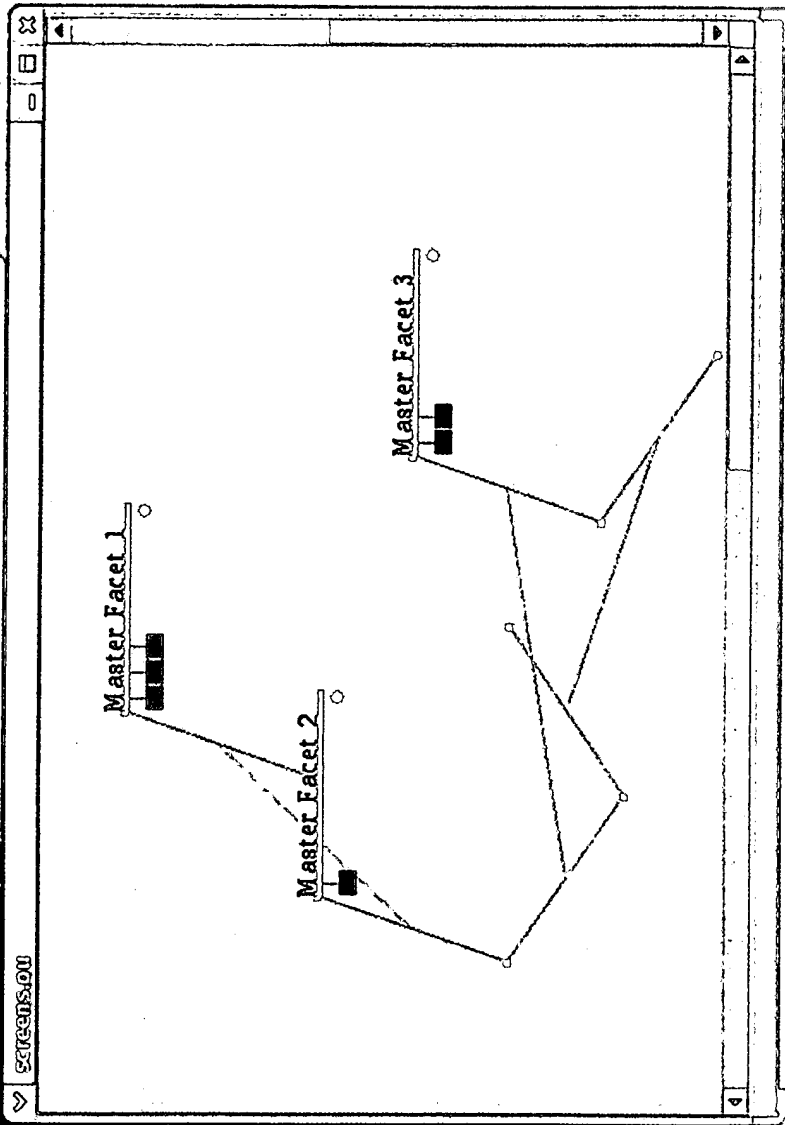


IntelliJ IDEA 4.5



Object Universe Document Tools  
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe, Full Text B, OldOU.lpr, [matt@cato], [API Additio]







Matt's Home



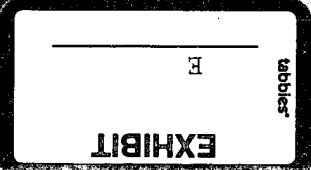
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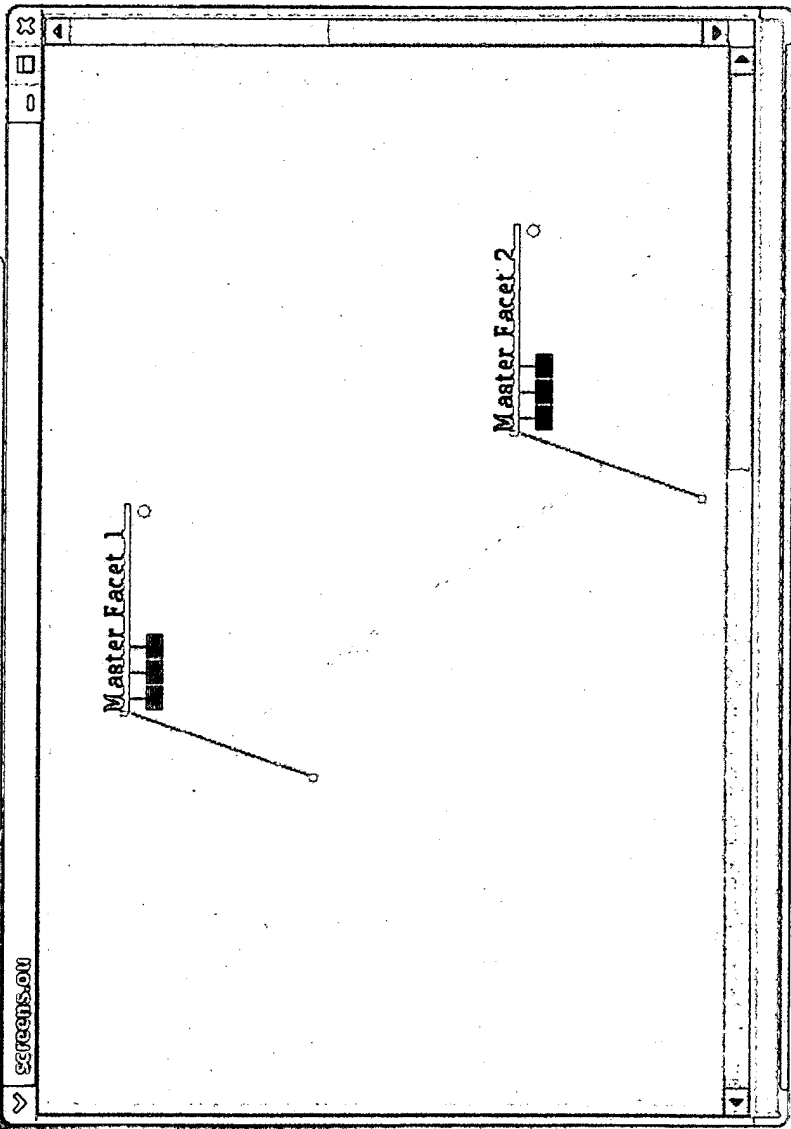


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Object Universe Document Tools

File Edit Help Windows





mat's Home



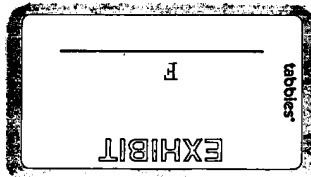
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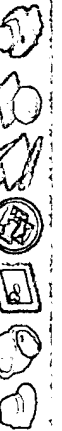
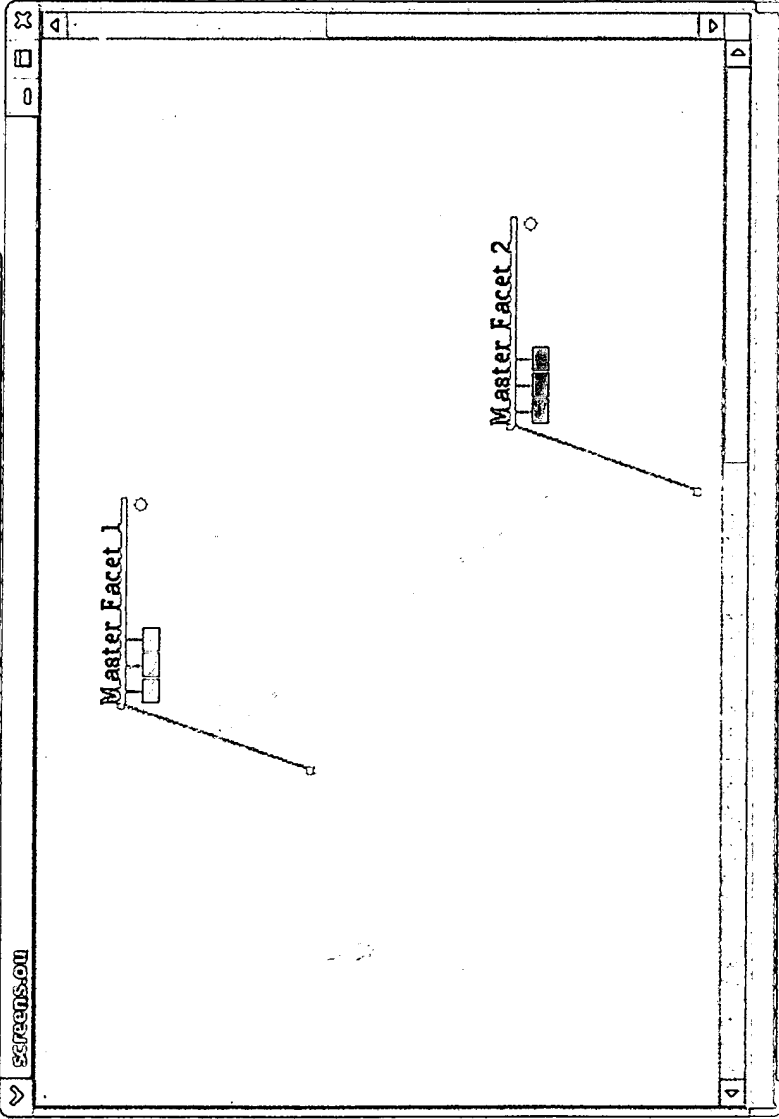


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Object Universe Document Tools  
File Edit Help Windows

Annotation Tool



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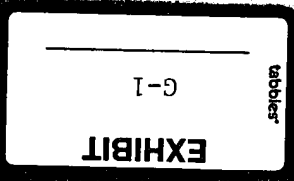
Trash



IntelJ IDEA 4.5



EXHIBIT G-1



Object Universe Document Tools  
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe

Object Universe 1

Master Facet 1

Name Content Meta-Info

Name : Master Facet 1

Description

DOB : Fri Aug 13 15:49:16 EDT 2004

Ok Cancel



API Additio [matt@cato] [Full Text B] [Object Univ] [Object Univ]



matt's Home



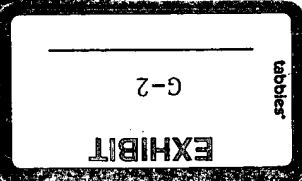
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Object Universe Document Tools

File Edit Help Windows

Icons: New, Open, Save, Print, Find, Copy, Paste, Undo, Redo, Zoom In, Zoom Out, Close All, Close

Object Universe 1

Master Facet 1

Name Content Meta-Info

Type: Master Facet

Category: Relational

Keywords:

Keyword

Object Universe

New Keyword:

Object Universe

keyword

Ok Cancel





mat's Home



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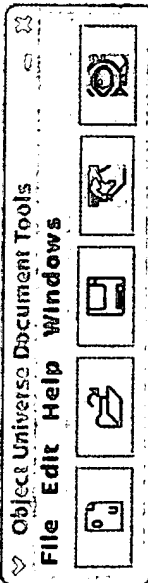


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EXHIBIT

G-3

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Object Universe 1

Master Page 1

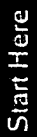
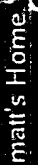
Name Content Meta-Info

Content URL :

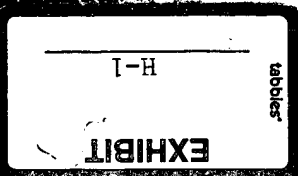
Content Category :

Content Comments :  
These are some comments on the Masterfacel





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Object Universe Document Tools  
File Edit Help Windows

Object Universe 1

Item in Master Facet Master Facet 1

Name	Content	Meta - Info
Some Item	Description of an Item	

Ok Cancel

DOB : Fri Aug 13 15:52:10 EDT 2004

Item



mat's Home



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EXHIBIT

H-2

tabbles

Object Universe Document Tools  
File Edit Help Windows

Icons: File, Edit, Help, Windows, Object Universe

Object Universe 1

Item in Master Facet 'Master Facet 1'

Name Content Meta-Info

Content URL :

Content Category :

Content Comments :  
Some comments on an item

Browse

Ok Cancel





matt's Home



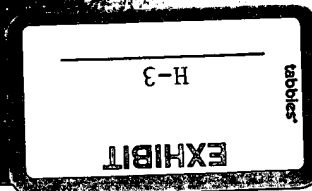
Start Here



Trash



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Object Universe Document Tools

File Edit Help Windows

Icons: New, Open, Save, Print, Find, Help, etc.

Object Universe 1

Item in Master Facet 'Master Facet 1'

Name: Content Meta-Info

Type: Item

Category: Relational

Keywords: Object Universe

New Keyword:

Object Universe

keyword

Ok Cancel



Taskbar buttons: API Additio, matt@cato, OldOU.ipr, Full Text B, Object Univ, Object Univ





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Trash



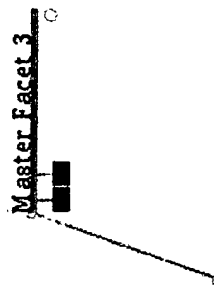
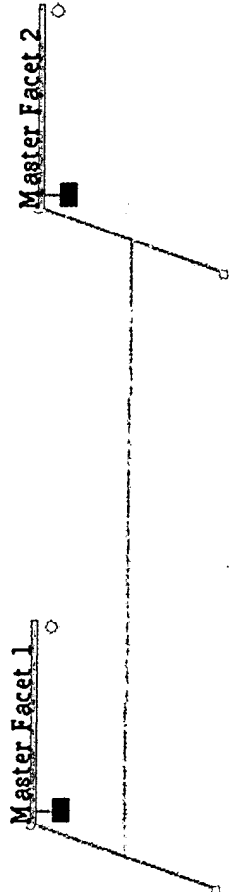
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EXHIBIT

I

tabbles

Object Universe 1



Fri May 27, 9:59 AM



INBOX (1)

MARC: n

oldOU.jp

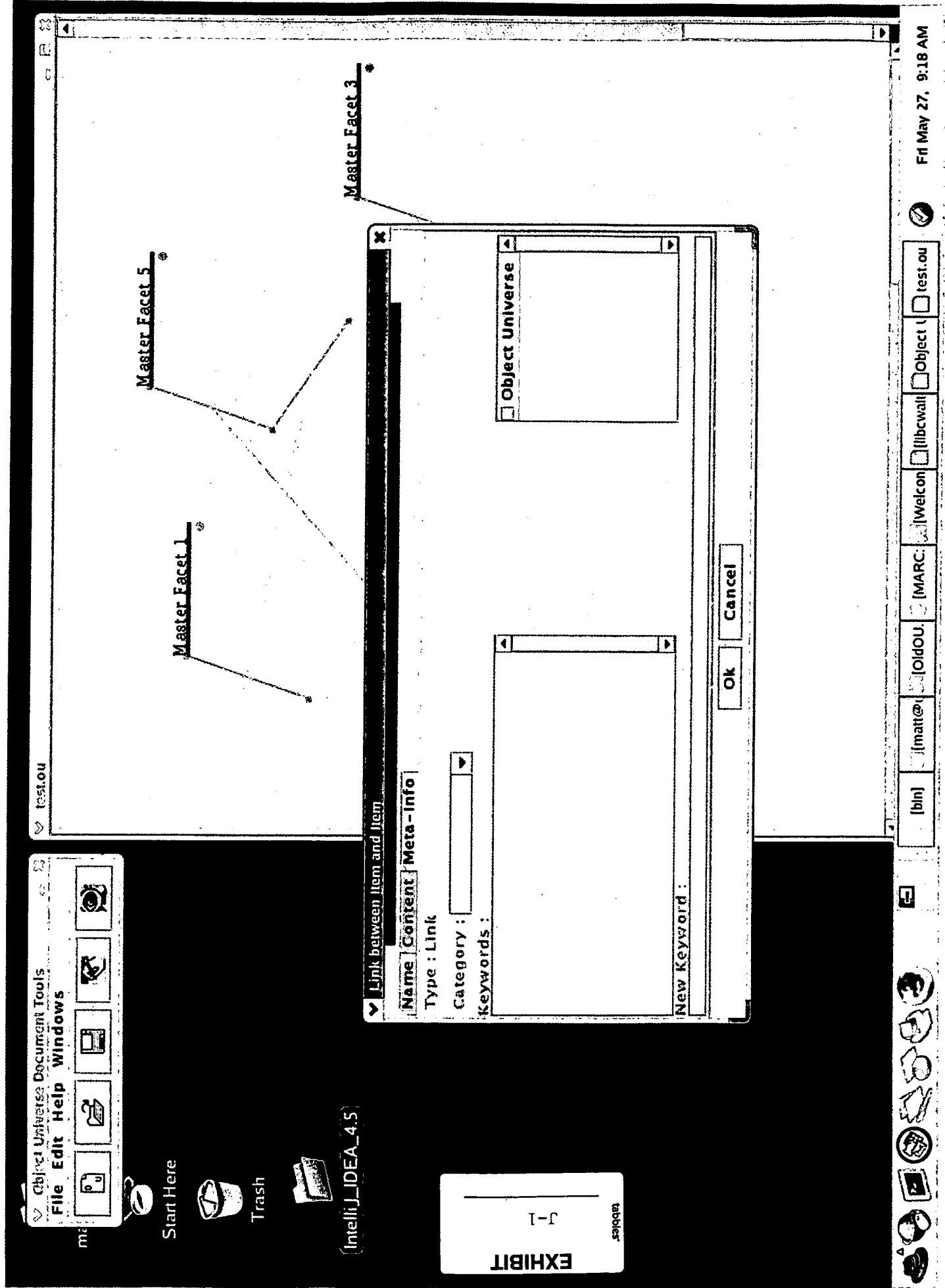
Object Ur

test.ou

Object Ur

lmat@ca







IntelliJ\_IDEA\_4.5

Start Here

Trash

Object Universe Document Tools  
File Edit Help Windows

test.ou

Master Facet 1

Master Facet 3

Master Facet 5

Link between Item and Item

Name Contents Meta-Info

Name : Link between Item and Item

Description

DOB : Tue Aug 10 13:41:28 EDT 2004

Ok Cancel

[bin] [mat@] [OldOU] [IMARC] [Welcon] [libcwall] [Object t] [test.ou]

Fri May 27, 9:17 AM

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